

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) Optical connector system comprising:

~~a backpanel and at least one substrate, said substrate~~
having at least one substrate housing assembly attachable to
a substrate; and

~~said backpanel having~~ at least one backpanel housing
assembly for establishing an optical interface ~~characterized~~
~~in that said~~ with the at least one substrate housing
assembly;

wherein the is attached to said substrate housing
assembly [[and]] comprises an outer housing, a further
housing slidably mounted in a z-direction of said substrate
with respect to the outer housing assembly, and a biasing
arrangement carried by one of the outer housing and the
further housing cooperating with a biasing arrangement load
means arranged on the other of the further housing and the
outer housing to create an application force to form the
optical interface;

wherein the connector system is configured such that
further movement of the outer housing in the z-direction
toward the backpanel housing assembly in respect to the
further housing is capable to disengage the biasing
arrangement from the biasing arrangement load means.

2. (Currently Amended) Optical connector system according claim 1, wherein ~~said substrate housing assembly comprises a biasing arrangement for said further housing adapted to release said further housing substantially after~~ that upon completion of [[said]] the optical interface, the further housing is adapted to be locked to the backpanel housing assembly.

3. (Previously presented) Optical connector system according claim 1, wherein said further housing is at least partly accommodated within said substrate housing assembly.

4. (Previously presented) Optical connector system according to claim 1, wherein said substrate housing assembly comprises a first interface part for establishing said optical interface with a second interface part at said backpanel housing assembly.

5. (Previously presented) Optical connector system according to claim 4, wherein said second interface part is integrated in said backpanel.

6. (Previously presented) Optical connector system according to claim 4, wherein said backpanel comprises a cavity (C) for forming said second interface part at said backpanel housing assembly.

7. (Previously presented) Optical connector system according to claim 4, wherein said further housing comprises said first interface part.

8. (Previously presented) Optical connector system according to claim 4, wherein said further housing comprises at least

one ferrule assembly for optical fibres for said first interface part and alignment elements to align said first interface part and said second interface part.

9. (Previously presented) Optical connector system according to claim 1, wherein said backpanel housing assembly and said substrate housing assembly comprise locking elements adapted to lock said housings after completion of said optical interface.

10. (Previously presented) Optical connector system according to claim 1, wherein said backpanel comprises one or more first electrical contacts and said substrate comprises one or more second electrical contacts and said optical connector system is further arranged to establish electrical connections between said first and second electrical contacts substantially after completion of said optical interface.

11. (Currently Amended) Substrate housing assembly for a substrate adapted for mounting to a backpanel housing assembly of a backpanel to establish an optical interface for optical communication between said substrate and said backpanel, wherein characterized in that said the substrate housing assembly is adapted to comprise comprises an outer housing, a further housing with a mating side forming a first interface part for said optical interface, and a biasing arrangement, wherein [[said]] the further housing [[being]] is slidably mountable mounted in a z-direction of said substrate with respect to the outer housing assembly, and wherein the biasing arrangement is carried by one of the

outer housing and the further housing cooperating with a biasing arrangement load means arranged on the other of the further housing and the outer housing to create an application force to form the optical interface;

wherein the substrate housing assembly is configured such that further movement of the outer housing in the z-direction toward the backpanel housing assembly in respect to the further housing is capable to disengage the biasing arrangement from the biasing arrangement load means.

12. (Currently Amended) Substrate housing assembly according to claim 11, wherein ~~said substrate housing assembly comprises biasing means adapted to release said further housing substantially after~~ that upon completion of [[said]] the optical interface, the further housing is adapted to be locked to the backpanel housing assembly.

13. (New) An optical connector system comprising:

a backpanel housing assembly comprising a first lifter element and a first locking element; and

a substrate housing assembly configured to establish an optical interface with the backpanel housing assembly, wherein the substrate housing assembly comprises an insert housing and an outer housing;

wherein the insert housing is movably mounted inside the outer housing, wherein the insert housing comprises a second locking element and a protrusion, wherein the second locking element is adapted to engage with the first locking

element, and wherein the protrusion is proximate a first end of the substrate housing assembly;

wherein the outer housing comprises a second lifter element and a spring element, wherein the second lifter element is adapted to engage with the first lifter element, wherein the second lifter element is proximate a second opposite end of the substrate housing assembly, wherein the spring element is adapted to cooperate with the protrusion, and wherein the spring element extends between an inner surface of the outer housing and an outer surface of the insert housing.

14. (New) An optical connector system according to claim 13 wherein the spring element is adapted to cooperate with the protrusion to create an application force to form the optical interface.